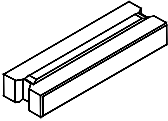
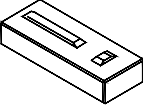
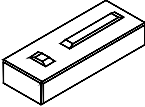
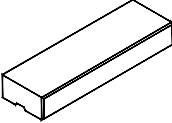


SIENA SMOOTH[®]

RETAINING WALL SYSTEM

REF: Detail_Siena Smooth_System Components

SienaSmooth	System Units	Face Width	Back Width	Height	Depth	Weight
	Standard Unit	47.25"	47.25"	7.09"	14.75"	385 lbs
		1200 mm	1200 mm	180 mm	375 mm	175 kg
	Right Corner Unit	38.5"	38.5"	7.09"	14.75"	309 lbs
		975 mm	975 mm	180 mm	375 mm	140 kg
	Left Corner Unit	38.5"	38.5"	7.09"	14.75"	309 lbs
		975 mm	975 mm	180 mm	375 mm	140 kg
	Coping Unit	47.25"	47.25"	7.09"	14.75"	375 lbs
		1200 mm	1200 mm	180 mm	375 mm	170 kg

* -indicates dimensions of alternate units available in some locations

SienaSmooth System Design/Construction Information		
Minimum Inside/Outside Radius	Standard Units	240'
		73 m
Maximum Gravity Height**	Standard Units	3.5'
		1.00 m
Maximum Geogrid Height	Standard Units	+30'
		+9.0 m
Application of Handrail	Coredrill to Minimum Depth of:	21.3"
		540 mm
Application of Wood Fence	Concrete Sonotube (depth as required by design) Offset Min. 300mm (12")	
Application of Coping Unit	Adhesive Not Required	
Stacking Alignment	Battered & Vertical	
Facing (Coping)	Smooth Face	
Placement Method	Machine	

** -Typical Values, site conditions govern and may result in different values



Engineering design by RisiStone Inc.



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